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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/596,663	06/20/2006	Marina Rogunova	1200319N US	9021
35227 POLYONE CO	7590 03/18/200 RPORATION	EXAMINER		
33587 WALKE	R ROAD	MULLIS, JEFFREY C		
AVON LAKE, OH 44012			ART UNIT	PAPER NUMBER
			1796	
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			03/18/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)			
	10/596,663	ROGUNOVA ET AL.			
Office Action Summary	Examiner	Art Unit			
	Jeffrey C. Mullis	1796			
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA  - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period w.  - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on <u>04 Oc</u>	action is non-final. nce except for formal matters, pro				
Disposition of Claims					
4) ☐ Claim(s) 1-10 is/are pending in the application. 4a) Of the above claim(s) is/are withdrav 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-10 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or Application Papers 9) ☐ The specification is objected to by the Examine	vn from consideration.				
10) The drawing(s) filed on is/are: a) access applicant may not request that any objection to the confidence of th	epted or b) objected to by the Edrawing(s) be held in abeyance. See on is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
<ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No.</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> <li>* See the attached detailed Office action for a list of the certified copies not received.</li> </ul>					
Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO/SB/08)  Paper No(s)/Mail Date 10-4-06.	4)  Interview Summary Paper No(s)/Mail Da 5)  Notice of Informal P 6)  Other:	ate			

Applicants IDS including the US applications cited has been considered.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Laughner et al. (US 5,196,479) in view of Chung et al. (US 2005/0065263).

Patentees disclose a composition containing a polycarbonate, a polyester and "two or more" (column 11, lines 42-46) impact modifier including core shell impact modifiers with alkyl acrylate cores having up to 15 carbon atom alkyl moieties and MMA shells (abstract; column 15, lines 3-25) and in which the impact modifiers also include vulcanized EPDM as in applicants component "c".

Laughner does not disclose any actual examples in which all of applicants claimed features are present and does not disclose addition of nanoclays.

Chung discloses addition of nanoclays to thermoplastic polycarbonate compositions to improve mechanical properties (paragraph 4Z).

It would have been obvious to a practitioner having an ordinary skill in the art at the time of the invention to add the nanoclays of the secondary reference to the primary reference in order to improve mechanical properties absent any showing of surprising or unexpected results.

It would have been obvious to a practitioner having an ordinary skill in the art at the time of the invention to arrive at applicants invention by selecting from the various disclosures of the primary reference in the expectation of adequate results absent any showing of surprising or unexpected results.

Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lacroix et al. (US 7022768) in view of Cartasegna (US 4,883,840) and further in view of Chung et al. (US 2005/0065263), cited above and relied upon for claim 9.

Patentees disclose a composition containing PBT and a core shell polymer (abstract) as well as polycarbonate (patent claim 13. Blends of polyolefin and EPDM may be added at column 7, lines 15-18.

Cartasegna (US 4,883,840) at column 6, lines 15-29 discloses that dynamic curing or rubber increases impact performance. Hence it would have been obvious to a practitioner having an ordinary skill in the art at the time of the invention to dynamically cure the EPDM of the primary reference as taught be the secondary reference in order to improve impact performance absent any showing of surprising or unexpected results. It would have been obvious to a practitioner having an ordinary skill in the art at the time of the invention to add the nanoclays of the secondary reference to the primary reference in order to improve mechanical properties absent any showing of surprising or unexpected results.

Any inquiry concerning this communication should be directed to Jeffrey C. Mullis M-F, 9-5pm at telephone number 571 272 1075.

Jeffrey C. Mullis Primary Examiner Art Unit 1796 Application/Control Number: 10/596,663 Page 4

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3-16-09

/Jeffrey C. Mullis/

Primary Examiner, Art Unit 1796